

WHAT IS CLAIMED IS:

1. A glass sheet comprising:
a top surface coated with a removable top protective
5 film; and
a bottom surface coated with a removable bottom
protective film, wherein at least one of the top protective
film and bottom protective film has embossed features
formed therein.
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2. The glass sheet of Claim 1, wherein said top
protective film has embossed features and said bottom
protective film does not have embossed features.
- 15 3. The glass sheet of Claim 2, wherein said top
protective film is a multi-layer structure that has a
smooth layer and a rough layer.
- 20 4. The glass sheet of Claim 3, wherein said smooth
layer is a polymer film and said rough layer is a layer of
fabric or paper.
- 25 5. The glass sheet of Claim 3, wherein said smooth
layer has a modulus of stiffness that is lower than a
modulus of stiffness of said rough layer.

6. The glass sheet of Claim 1, wherein said top protective film has embossed features and said bottom protective film has embossed features.

5 7. The glass sheet of Claim 6, wherein the embossed features on said top protective film have a different shape or are located in a different position than the embossed features on said bottom protective film.

10 8. The glass sheet of Claim 6, wherein at least one of said top protective film and said bottom protective film is a multi-layer structure that has a smooth layer and a rough layer.

15 9. The glass sheet of Claim 8, wherein said smooth layer is a polymer film and said rough layer is a layer of fabric or paper.

20 10. The glass sheet of Claim 8, wherein said smooth layer has a modulus of stiffness that is lower than a modulus of stiffness of said rough layer.

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11. A method for packaging a plurality of glass substrates, said method comprising the steps of:

coating a top surface of each glass substrate with a
5 removable top protective film;

coating a bottom surface of each glass substrate with
a removable bottom protective film; and

stacking the glass substrates next to one another such
that the top protective film of one glass substrate is
10 adjacent to the bottom protective film of another glass
substrate, wherein at least one of the top protective film
and bottom protective film on each glass substrate has
designed-in features which make it easier to separate one
glass substrate from another glass substrate because of the
15 presence of air pockets caused by the designed-in features
located between said stacked glass substrates.

12. The method of Claim 11, wherein said glass
substrates are stacked next to one another in a vertical
20 position within a container.

13. The method of Claim 11, wherein said glass
substrates are stacked next to one another in a horizontal
position within a container.

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14. The method of Claim 11, wherein said glass substrates are stacked next to one another in a predetermined angle from a vertical position within a container.

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15. The method of Claim 11, wherein said top protective film has designed-in features and said bottom protective film does not have designed-in features.

10 16. The method of Claim 11, wherein said top protective film has one type of designed-in features and said bottom protective film has a second type of designed-in features.

15 17. A container for holding a plurality of glass sheets, said container comprising:

a first side;

an opposing second side;

two additional sides;

20 a top; and

a bottom all of which enclose said glass sheets, each glass sheet includes:

a top surface coated with a removable top protective film; and

25 a bottom surface coated with a removable bottom protective film, wherein the glass sheets are stacked next to one another such that the top protective film of one glass sheet is adjacent to

the bottom protective film of another glass sheet, wherein at least one of the top protective film and bottom protective film on each glass sheet has embossed features therein which make it easier to separate one glass sheet from another glass sheet because of the presence of air pockets caused by the embossed features located between said stacked glass sheets.

18. The container of Claim 17, wherein said top protective film has embossed features and said bottom protective film does not have embossed features.

19. The container of Claim 17, wherein said top protective film has one type of embossed features and said bottom protective film has a second type of embossed features.

20. The container of Claim 17, wherein said top protective film is made from a high density polyethylene film other flexible polymer film and said bottom protective film is made from a low density polyethylene film other polyolefin film.

21. The container of Claim 17, wherein said glass sheet is used in a liquid crystal display.

22. A material comprising:

a top surface coated with a removable top protective film; and

a bottom surface coated with a removable bottom
5 protective film, wherein at least one of the top protective
film and bottom protective film has embossed features
therein which make it easier to separate said material that
is stacked on another piece of material because of the
presence of air pockets caused by the embossed features
10 located between said stacked materials.

23. The material of Claim 22, wherein said top
protective film has embossed features and said bottom
protective film does not have embossed features.

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24. The material of Claim 22, wherein said top
protective film has one type of embossed features and said
bottom protective film has a second type of embossed
features.

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